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DESCRIPTORS: *Liquid metals, *Sodium, *Oxygen,
Ions, Electrolysis, Corrosion, Liquid metal cooled
reactors.

The experiments were run at 300°C. by the dc polarization
method. An accumulation of transferred oxygen
was determined in the anodic part of the molten metal.
The findings confirmed the initial assumption that trans-
fer is caused by O^{2-} ions, which originate from the
strongly polarized molecule of Na_2O and which are
probably enclosed into a solvate-type envelope of Na^+
ions.

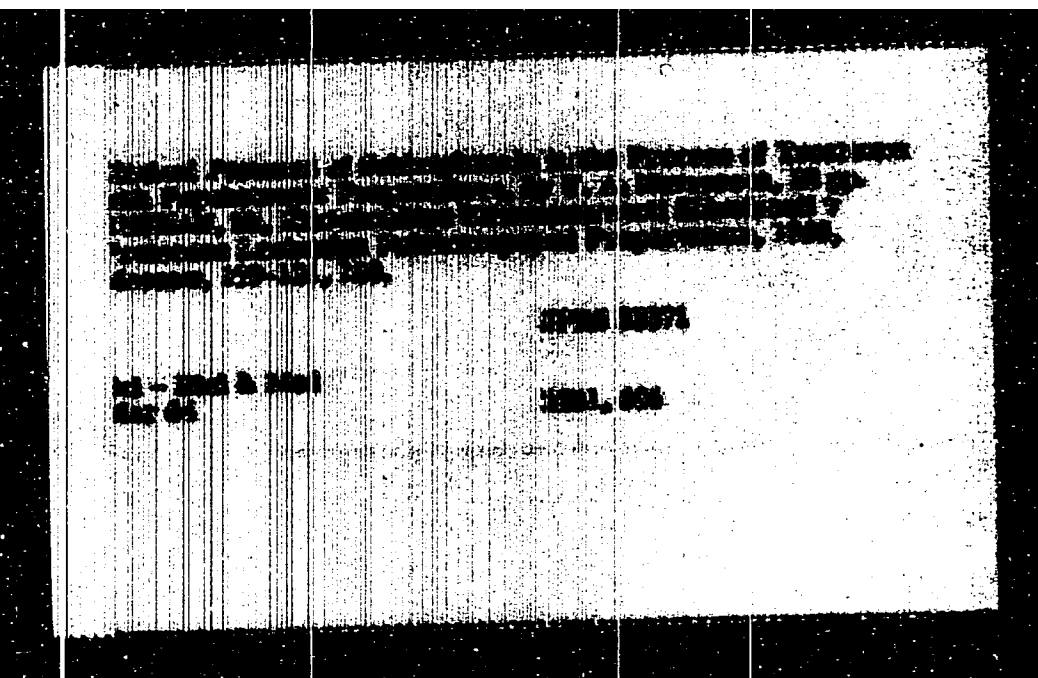
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Physical properties, Ethylenes, Propenes, Polymer-
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Crystals, Crystal structure, Synthesis, Apatite.

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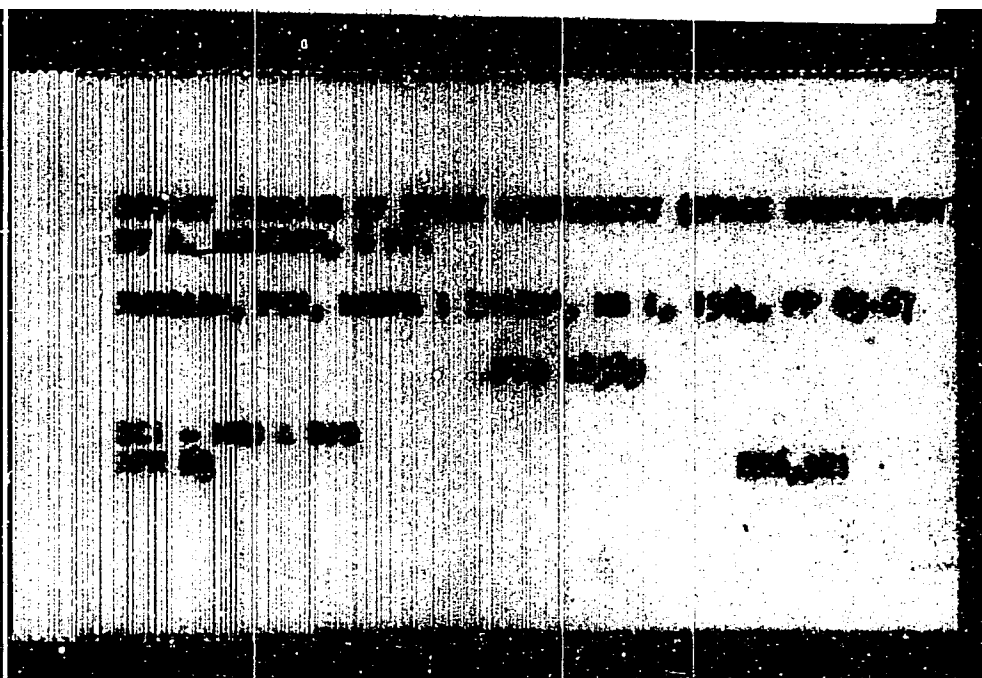
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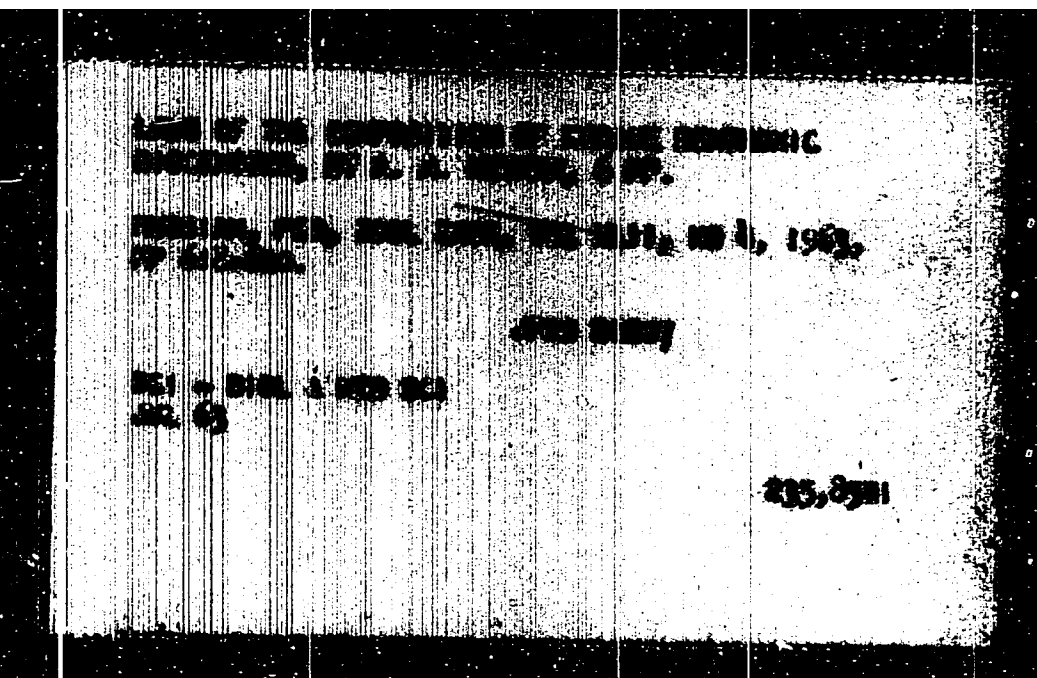
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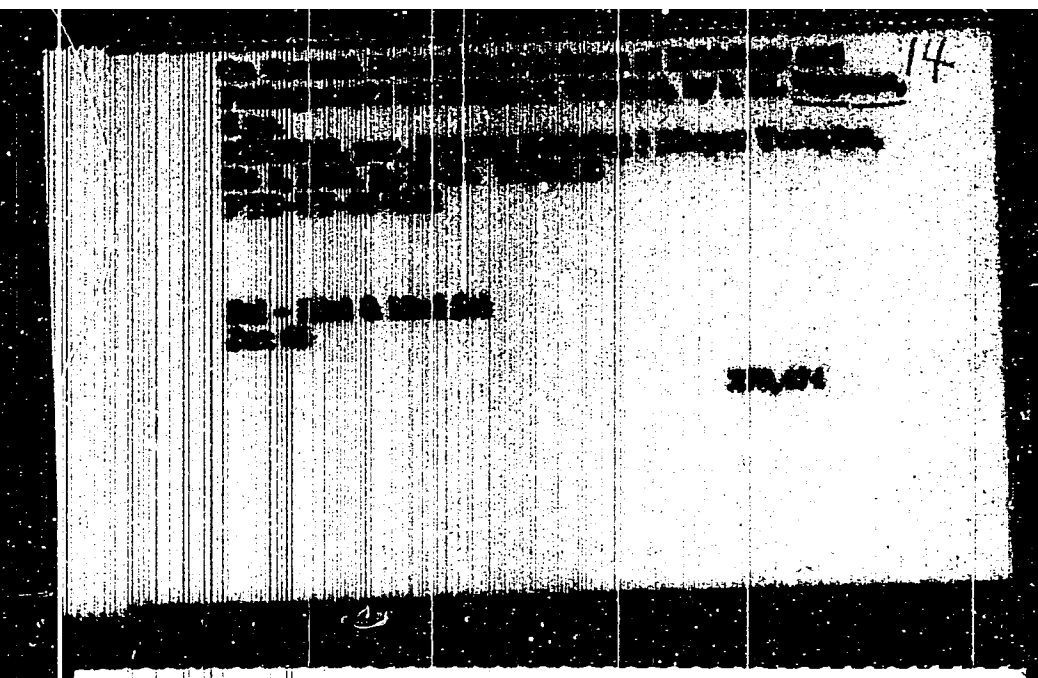
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